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**UTILITY PATENT  
APPLICATION  
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	06171.105062
First Inventor	Sommadossi <i>et al.</i>
Express Mail Label No.	EV330779367US

031282 U.S. PTO  
10/15/29

111703

Title 2'-Branched Nucleosides and *Flaviviridae* Mutation

**Application Elements**

See MPEP chapter 600 concerning utility patent application contents.

1.  Fee Transmittal Form  
(Submit an original, and a duplicate, for fee processing)
2.  Applicant claims small entity status.  
See 37 CFR 1.27
3.  Specification [Total Pages 154]  
(preferred arrangement set forth below)
  - Descriptive title of the invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4.  Drawing(s) (35 U.S.C. 113) [Total Pages 11]
5. Oath or Declaration [Total Pages 2]
  - a.  Newly executed (original or copy)
  - b.  Unexecuted
  - c.  Copy from prior application (37 CFR 1.63(d))  
(for continuation/divisional with Box 17 completed)
    - i.  **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6.  Application Data Sheet. See 37 CFR 1.76

**ADDRESS TO:** Commissioner for Patents  
Mail Stop Patent Application  
PO BOX 1450  
Alexandria, VA 22313-1450

7.  CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)
  - a.  Computer Readable Form (CRF)
  - b. Specification Sequence Listing on:
    - i.  CD-ROM or CD-R (2 copies); or
    - ii.  paper
  - c.  Statement verifying identity of above copies

**ACCOMPANYING APPLICATION PARTS**

9.  Assignment Papers (cover sheet & document(s))
10.  37 CFR 3.73(b) Statement  
(when there is an assignee)
  - Power of Attorney
11.  English Translation Document (if applicable)
12.  Information Disclosure Statement (IDS)/PTO-1449
  - Copies of IDS Citations
13.  Preliminary Amendment
14.  Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
15.  Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
16.  Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17.  Other: check for \$ 1200.00

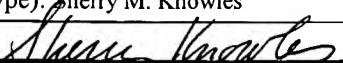
18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

 Continuation     Divisional     Continuation-in-part (CIP)    of prior application No: .....

Prior application information: Examiner: ..... Group/Art Unit: .....

**19. CORRESPONDENCE ADDRESS**

Customer Number or Bar Code Label 20786  
(Insert Customer No. or Attach bar code label here) or  Correspondence address below

Firm or Individual Name	Sherry M. Knowles, Esq. (Registration No. 33,052)				
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Name (Print Type): Sherry M. Knowles			Registration No. (Attorney/Agent)		33,052
Signature 			Date		November 17, 2003

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

17224  
111703  
U.S. PTO

**FEE TRANSMITTAL**

This sheet accompanies a patent application transmittal for the following application:

Inventor(s): Sommadossi et al.Filing Date: November 17, 2003Title: 2'-Branched Nucleosides and Flaviviridae Mutation

The filing fee is calculated as shown below:

**1. FILING FEE:**

FOR:	FEE	FEE PAID	FEE	FEE PAID
<input checked="" type="checkbox"/> UTILITY FILING FEE	\$385.00		\$770.00	\$770.00
<input type="checkbox"/> DESIGN FILING FEE	\$165.00		\$330.00	
<input type="checkbox"/> PLANT FILING FEE	\$255.00		\$510.00	
<input type="checkbox"/> REISSUE FILING FEE	\$370.00		\$740.00	
<input type="checkbox"/> PROVISIONAL FILING FEE	\$80.00		\$160.00	
<b>SUBTOTAL (1)</b>				<b>\$770.00</b>

**2. CLAIMS:**

FOR:		NO. FILED	NO. EXTRA	RATE	FEE	RATE	FEE
<b>TOTAL CLAIMS</b>		<b>92 - 20 =</b>	<b>72</b>	x \$9 =	\$ .00	72 x \$18 =	<b>1296.00</b>
<b>INDEP. CLAIMS</b>		<b>16 -3 =</b>	<b>13</b>	x \$43 =	\$ .00	13 x \$86 =	<b>1118.00</b>
<input checked="" type="checkbox"/> MULTIPLE DEPENDENT CLAIM PRESENTED		<b>\$145.00=</b>		\$	+\$290 =	<b>\$ 290.00</b>	
		<b>SUBTOTAL (2)</b>		<b>\$ .00</b>			<b>2704.00</b>

**3. ADDITIONAL FEES:**

FOR:		FEE	FEE PAID	FEE	FEE PAID
<input type="checkbox"/> LATE FILING, FEE OR OATH		\$65		\$130	
<input type="checkbox"/> NON-ENGLISH SPECIFICATION		\$130		\$130	
<input type="checkbox"/> OTHER					
	<b>SUBTOTAL (3)</b>	<b>\$</b>			

**TOTAL FILING FEES: \$2704.00**A check is enclosed for the amount: \$ 1200.00 Charge any additional fees required under 37 C.F.R. 1.16 or 1.17 to Deposit Account 11-0980.

KING &amp; SPALDING

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By: Sherry KnowlesSherry M. Knowles, Esq.  
Reg. No. 33,052Date: November 17, 2003

**UTILITY PATENT APPLICATION FILING**

Certificate of Mailing Under 37 CFR 1.10

I hereby certify that this Utility Patent Application and Transmittal, along with any documents referred to as attached therein are being deposited with the United States Postal Service, on November 17, 2003, in an envelope as "Express Mail Post Office to Addresses" services under 37 CFR 1.10, Mailing Label Number EV330779367US addressed to Commissioner for Patents, Mail Stop Patent Application, PO BOX 1450, Alexandria, VA 22313-1450.



A handwritten signature in black ink, appearing to read "Hoang M. Vo".

Date: November 17, 2003